

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	27	("20030015302" "4761830" "4984281" "5081402" "5170180" "5274499" "5528233" "5793174" "5909093" "6060852" "6091162" "6181089" "6433498" "6489793").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 18:26
L2	2	"20050215210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 18:44
L3	1211	455/343.1-343.6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 18:44
L4	81184	"318"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 18:44
L5	82395	3 4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 18:44
L6	29068092	@ad<"20040324" @rlad<"20040324" @prad<"20040324"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 18:45
L7	55751	5 and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 18:45
L8	41873	preamble	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 18:59
L9	95829	sleep\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 18:59
L10	210	8 same 9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 18:59
L11	448632	(longer shorter) near4 (time period)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:18

## EAST Search History

L12	84	10 and 11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:00
L13	3	7 and 12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:01
L14	1520	9 same 11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:01
L15	50	7 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:01
L16	463834	(longer shorter) near4 (time interval period)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:18
L17	1612	9 same 16	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:18
L18	58	7 and 17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:18
L19	8	18 not 15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:25
L20	11018799	control\$4 adjust\$3 vary\$3 chang\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:38
L21	15245	9 near10 20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:37
L22	221	7 and 21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:37

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1211	455/343.1-343.6.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:39
L2	81184	"318"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:39
L3	82395	1 2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:39
L4	29068092	@ad<"20040324" @rlad<"20040324" @prad<"20040324"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:40
L5	55751	3 and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:40
L6	95829	sleep\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:40
L7	8068566	time period interval	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:45
L8	8636059	adjust\$3 extend\$3 increas\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:47
L9	1210905	8 near10 7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:48
L10	4212	6 same 9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 19:48
L11	72	5 and 10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:12

## EAST Search History

L12	1655	fast\$2 adj2 filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:12
L13	5546	fast\$2 near3 filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:12
L14	4701	slow\$2 near3 filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:12
L15	408	13 same 14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:12
L16	5	5 and 15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:15
L17	2	"20050215210"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:16
L18	1	15 and 17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:17
L19	45606	detect\$3 near5 carrier	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:55
L20	2	15 same 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:18
L21	12	salen adj3 filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:19
L22	5019	filter same 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:19
L23	131903	time adj2 constant	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:19

## EAST Search History

L24	88	22 same 23	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:19
L25	86	4 and 24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:25
L26	73821	(first dual) adj3 (filter (time adj constant))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:54
L27	194	19 same 26	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:25
L28	0	5 and 27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:26
L29	107492	"455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:26
L30	0	28 and 29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:26
L31	28	27 and 29	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:30
L32	1381	nguyen near2 vo.xa,xp.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:30
L33	41	1 and 32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:33
L34	3573	(slow\$2 first) adj2 (rssi strength)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:34
L35	351	29 and 34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:34

## EAST Search History

L36	916	(slow\$2 first) adj (rssi strength)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:34
L37	126	34 same filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:36
L38	1709	455/226.1-226.4.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:37
L39	56	34 and 38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:38
L40	13	37 and 38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:50
L41	131	26 and 38	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:50
L42	116893	(time adj constant)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:55
L43	97	38 and 42	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:55
L44	1054129	detect\$3 near5 (signal carrier)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:56
L45	37458	filter with (slow\$2 fast\$2 time adj constant)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:56
L46	2689	44 same 45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:56
L47	233	29 and 46	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 20:57

## EAST Search History

L48	221	4 and 47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:00
L49	43	46 and 2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:01
L50	40	4 and 49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:02
L51	215689	remote\$2 adj2 control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:03
L52	5	46 same 51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:04
L53	80	46 and 51	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:05
L54	74	4 and 53	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:25
L55	35811	(high fast) adj3 clock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:25
L56	20839	(slow low) adj3 clock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:26
L57	7781	55 same 56	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:26
L58	1682460	intermediate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:27
L59	120	57 same 58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:27

## EAST Search History

L60	1	5, and 59	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:29
L61	118	5 and 57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:30
L62	11879	third adj3 clock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:34
L63	10	61 and 62	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:30
L64	55430	(start\$3 transition) near5 clock	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:34
L65	44	61 and 64	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:35
L66	1269	57 same 64	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:35
L67	24	5 and 66	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:42
L68	10865	(bypass\$3 by-pass\$3) adj2 capacit\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:44
L69	2874	ground with 68	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:44
L70	34	5 and 69	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:46



## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	56456	capacitor near6 ground	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:49
L2	205983	(start\$3 warm\$3) adj up	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:49
L3	343	1 same 2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:50
L4	29068092	@ad<"20040324" @rlad<"20040324" @prad<"20040324"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:50
L5	328	3 and 4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:50
L6	107492	"455"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:51
L7	81184	"318"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:51
L8	188388	6 7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:51
L9	141943	4 and 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:52
L10	26	3 and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 21:57
L11	295	SAW same LC adj filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 22:14

## EAST Search History

L12	63	9 and 11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 22:18
L13	7132	battery with (DC adj DC adj conver\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 22:19
L14	288	9 and 13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 22:19
L15	702	318/16.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 22:19
L16	0	14 and 15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 22:19
L17	150	7 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 22:20
L18	851425	window shade	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 22:20
L19	12	17 and 18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 22:26
L20	159	6 and 13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 22:26
L21	138	4 and 20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 22:26
L22	226655	remote\$2 adj3 control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 22:27
L23	17	21 and 22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/17 22:27